

IN THE SPECIFICATION:

Please delete the title of the application appearing in pages 1 and 21 and insert therefor: --VINLYCYCLOHEXANE-BASED POLYMER/COPOLYMER MIXTURE AND STABILIZER SYSTEM--

IN THE ABSTRACT:

Please replace the abstract with the following:

--VINLYCYCLOHEXANE-BASED POLYMER/COPOLYMER
MIXTURE AND STABILIZER SYSTEM

ABSTRACT OF THE DISCLOSURE

A thermoplastic molding composition containing a (co)polymer of vinylcyclohexane and a stabilizer system is disclosed. The stabilizer system contains lactone, sterically hindered phenol and a phosphite compound. The composition that is characterized by its improved thermal stability is suitable for the preparation of molded articles, including optical data carriers.--

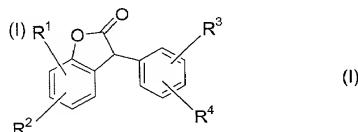
IN THE CLAIMS:

Cancel Claims 5, 8, 10, 11, 13, 14, 15, 16 and 17.

Please amend the following claims:

4. (Amended) Mixture according to Claim 1, containing as stabilizer system the following compounds:

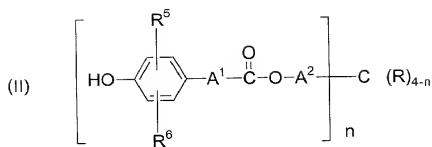
lactone corresponding to formula (I)



wherein

R¹, R², R³ and R⁴, independently of each other, represent hydrogen, C₁-C₆-alkyl, or a 5 or 6-membered ring alkyl,

sterically hindered phenol corresponding to formula (II)



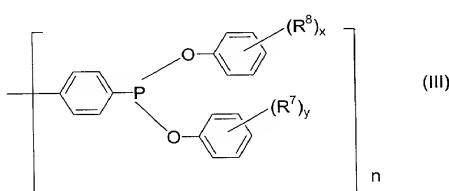
wherein

R^5 and R^6 , independently of each other, represent hydrogen or C_1 - C_6 -alkyl, a 5 or 6-membered ring.

n represents an integer from 1 to 4, and

R, independently, represents hydrogen, C₁-C₆-alkyl, C₁-C₆-alkoxy, a 5 or 6-membered ring

phosphite component corresponding to formula (III)



wherein

R^7 and R^8 , independently of each other, represents hydrogen, C_1 - C_6 -alkyl, also as a 5 or 6-membered ring or as branched alkyl, and

x and y, independently of each other, represent 0, 1, 2, 3, 4, 5, and

n represents 1 or 2, wherein if *n* = 1 the free valence bond of the carbanion is located on the carbon atom.

is attached to hydrogen, C₁-C₆-alkyl, C₁-C₆-alkoxy or to 5,6 rings. In the case of 5,6 rings, the substituent is attached to the 5,6 rings. In claim 1, wherein the stabilizer system

6. (Amended) Mixture according to Claim 1, wherein the stabiliser is present

contains

5 to 95 parts by wt. (based on component B) of compound(s) corresponding to formula I

5 to 95 parts by wt. (based on component B) of compound(s) corresponding to formula II

5 to 95 parts by wt. (based on component B) of compound(s) corresponding to formula III.

7. (Amended) Mixture according to Claim 4, wherein the stabilizer system contains

5 to 60 parts by wt. (based on component B) of compound(s) corresponding to formula I

10 to 60 parts by wt. (based on component B) of compound(s) corresponding to formula II

10 to 60 parts by wt. (based on component B) of compound(s) corresponding to formula III.

Add the following:

--18. A thermoplastic molding composition comprising

(A) a (co)polymer of vinylcyclohexane and

(B) a stabilizer system containing lactone, sterically hindered phenol and phosphite compound.